

App. No. 09/558,871

Art Unit 3762

P-8873.00

REMARKS

Claims 10, 46 and 56 have been amended. Claims 1-58 remain pending in the application. The applicant hereby requests further examination and reconsideration of the application in view of the foregoing amendments and following response.

Claim Objections

Claims 10, 46 and 56 stand objected based on informalities identified by the examiner. Applicant believes the informalities have been corrected; therefore, the applicant requests the examiner to withdraw the objection.

Claim Rejections – 35 USC § 102

Claims 1, 2, 4-6, 9, 15-16, 20-21, 24, 31-34, 37, 43-44, 48-49 and 52 stand rejected under 35 U.S.C. 102(e) as being anticipated by Levine et al. (6,058,328). Claim 1 recites a "T-wave analyzer, responsive to sensor, that evaluates cardiac risk based on comparison of the indication of T-wave alternans to predetermined criterion." Applicant respectfully submits that Levine et al. teach a "'P-wave' analyzer to analyze the heart at a time in the cardiac cycle that is just prior to the time when a spontaneous atrial depolarization, referred to herein as a 'P-wave', would otherwise occur." col 3, lines 17-20. The applicant claims a "T-wave analyzer to analyze "T-wave alternans by reference to portions of the electrocardiogram incorporating the T-wave. . . ." It is submitted that Levine et al. do not teach the claimed invention; therefore, the applicant respectfully request the examiner to withdraw the rejection. Accordingly, the applicant believes that independent claims 1, 16, 31, and 44 are in condition for allowance along with the claim dependent thereon.

Claim Rejections – 35 USC § 103

Claims 19 and 47 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Levine et al. (6,058,328) in view of KenKnight (6,148,230). Since claims 19 and 47 are dependent upon claims now believed to be allowable as discussed above, applicant submits that claims 19 and 47 are also allowable.

App. No. 09/558,871

Art Unit 3762

P-8873.00


Allowable Subject Matter

Claims 3, 7-8, 10-14, 17-18, 22-23, 25-30, 35-36, 38-42, 45-46, 50-51 and 53-58 stand objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Since applicant believes the base claims are in condition for allowance, applicant submits that claims 3, 7-8, 10-14, 17-18, 22-23, 25-30, 35-36, 38-42, 45-46, 50-51 and 53-58 are also in condition for allowance.

In view of the above, it is submitted that all claims pending in the application are in condition for allowance. Accordingly, allowance of claims 1-58 is respectfully requested. Recognizing that Internet communications are not secure, I hereby authorize the USPTO to communicate with me concerning any subject matter of this application by electronic mail at the address below. I understand that a copy of these communications will be made of record in the application file. M.P.E.P. § 502.03.

Respectfully submitted,

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06/24/2002

PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	ADD No	Pat No.
P10029.00	US			F			LW091	TFW	10/127,034 04/22/2002	
Agent: TITLE: PERCISE CARDIAC LEAD PLACEMENT BASED ON IMPEDANCE MEASUREMENTS INVENTORS: Smits, Karel F.A.A. Struble, Chester L.										
P10157.00	US			F			LW091	TFW	10/127,037 04/22/2002	
Agent: TITLE: CARDIAC RESYNCHRONIZATION WITH ADAPTIVE A1-A2 AND OR V1-V2 INTERVALS INVENTORS: Grandjean, Pierre A. Struble, Chester L.										
P10183.00	US			F			LW091	TFW	09/897,291 06/29/2001	
Agent: TITLE: CATHETER SYSTEM HAVING DISPOSABLE BALLOON INVENTORS: Greco, Francesco Jorgensen, Kenneth Nielsen, Marianne Pedersen, Anders Kirstein Aundal, Knud										
P10194.00	US			F			LW091	TFW	10/126,733 04/22/2002	
Agent: TITLE: ESTIMATION OF STROKE VOLUME AND CARDIAC OUTPUT USING AN INTRACARDIAL PRESSURE SENSOR INVENTORS: Muhlenberg, Lambert Struble, Chester L.										
P10282.00	US			F			LW091	TFW	10/126,710 04/22/2002	
Agent: TITLE: CARDIAC OUTPUT MEASUREMENT USING DUAL OXYGEN SENSORS IN RIGHT AND LEFT VENTRICLES INVENTORS: Struble, Chester L. Muhlenberg, Lambert Grandjean, Pierre A.										
P10283.00	US			F			LW091	TFW	10/126,816 04/22/2002	
Agent: TITLE: ORGANIZING DATA ACCORDING TO CARDIAC RHYTHM TYPE INVENTORS: Struble, Chester L. Muhlenberg, Lambert Grandjean, Pierre A.										
P10321.00	US			F			LW091	TFW	10/127,038 04/22/2002	
Agent: TITLE: ATRIOVENTRICULAR DELAY ADJUSTMENT INVENTORS: Struble, Chester L. Muhlenberg, Lambert										
P10344.00	US			F			LW091	TFW	10/126,638 04/22/2002	
Agent: TITLE: SEAMLESS COMMUNICATION BETWEEN AN IMPLANTABLE MEDICAL DEVICE AND A REMOTE SYSTEM INVENTORS: Houben, Richard P M Donders, Adrianus P. (Jos)										
P10346.00	US			L	F		LW091	TFW	60/331,543 11/19/2001	
Agent: TITLE: METHOD FOR NON-INVASIVE FETAL CARDIAC PACING INVENTORS: Eick, Olaf J. Miehaus, Michael Houben, Richard P M										

06/24/2002

PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P10408.00	US			F			LW091	TFW	10/133,466 04/29/2002	
Agent: TITLE: STIMULATION CONTROL FOR BRAIN STIMULATION INVENTORS: Gielen, Frans L H										
P10410.00	US			L	P		LW091	TFW	60/333,473 11/28/2001	
Agent: TITLE: METHOD TO SENSE A BRAIN SIGNAL CORRESPONDING TO PERCEPTION OF PAIN AND USE AS FEEDBACK TO CONTROL A BRAIN NEUROSTIMULATOR, DRUG INFUSION DEVICE, OR OTHER MEDICAL DEVICE INVENTORS: Mullett, Keith R.										
P10410.00	US			F			LW091	TFW	10/132,508 04/26/2002	
Agent: TITLE: BRAIN SIGNAL FEEDBACK FOR PAIN MANAGEMENT INVENTORS: Mullett, Keith R.										
P10438.00	US			P			LW091	TFW	10/131,261 04/25/2002	
Agent: TITLE: IMPLANTABLE ELECTROPORTION THERAPY DEVICE AND METHOD FOR USING SAME INVENTORS: Perek-Petric, Bozidar										
P10489.00	US			L	P		LW091	TFW	60/336,728 12/07/2001	
Agent: TITLE: PRECORDIAL SUPERIOR VENA CAVA ELECTRODE ARRANGEMENT FOR AN IMPLANTABLE CARDIOVERTER DEFIBRILLATOR INVENTORS: Smits, Karel F.A.A.										
P10498.00	US			L	P		LW091	TFW	60/375,080 04/25/2002	
Agent: TITLE: PACEMAKER BLANKING BY MAGNETIC RESONANCE IMAGING (MRI) DEVICE INVENTORS: Zeijlemaker, Volkert A										
P10499.00	US			L	P		LW091	TFW	60/375,076 04/25/2002	
Agent: TITLE: MAGNETIC RESONANCE IMAGING (MRI) TRIGGERED BY THE IMPLANTING PACING SYSTEM INVENTORS: Zeijlemaker, Volkert A										
P10500.00	US			L	P		LW091	TFW	60/375,077 04/25/2002	
Agent: TITLE: TELEMETRY BLANKING FOR PACEMAKERS AND ICDs BY MAGNETIC RESONANCE IMAGING (MRI) DEVICES INVENTORS: Zeijlemaker, Volkert A										
P10512.00	US			L	P		LW091	TFW	60/375,081 04/25/2002	
Agent: TITLE: EXTERNAL PUMP CONTROLLER INVENTORS: Donders, Adrianus P. (Jos) Houben, Richard P M										
P4059.01	US			P			LW091	TFW	09/558,869 04/28/2000	
Agent: Frank B. Dehn & Co. TITLE: METHOD AND APPARATUS FOR INHIBITING OR MINIMIZING CALCIFICATION OF AORTIC VALVES INVENTORS: Sutton, Richard										
P4517.00	US			F			LW091	TFW	09/542,258 04/03/2000	
Agent: TITLE: DUAL CHAMBER PACING SYSTEM HAVING TIME-ADAPTIVE AV DELAY INVENTORS: Struble, Chester L. Heynen, Henri G.										

06/24/2002

PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P4566.00	US				P		LW091	TFW	09/721,881 11/27/2000	
Agent: Agent Ref. No: TITLE: STENTS AND METHODS FOR PREPARING STENTS FROM WIRES HAVING HYDROGEL COATING LAYERS THEREON INVENTORS: Verhoeven, Michel Cahalan, Patrick T. Cahalan, Linda L. Larik, Vincent										
P4782.03	US	C	01	M	F		LW091	TFW	09/494,531 01/31/2000	
Agent: Agent Ref. No: TITLE: SYSTEM AND METHOD FOR RESPIRATION - MODULATED PACING INVENTORS: Renirie, Alexis C.M. Schouten, Vincent JA										
P4971.04	US	C	01	M	F		LW091	TFW	09/433,567 11/04/1999	
Agent: Agent Ref. No: TITLE: SYSTEM FOR PANCREATIC STIMULATION AND GLUCOSE MEASUREMENT INVENTORS: Houben, Richard P M Renirie, Alexis C.M. Weijand, Koen J.										
P4971.05	US	D	02		F		LW091	TFW	09/551,216 04/17/2000	
Agent: Agent Ref. No: TITLE: A SYSTEM FOR DELIVERING INSULIN INVENTORS: Houben, Richard P M Renirie, Alexis C.M. Weijand, Koen J.										
P4971.07	US	C	02		F		LW091	TFW	09/945,686 09/05/2001	
Agent: Agent Ref. No: TITLE: SYSTEM FOR PANCREATIC STIMULATION AND GLUCOSE MEASUREMENT INVENTORS: Houben, Richard P M Renirie, Alexis C.M. Weijand, Koen J.										
P7322.02	US	D	01		F		LW091	TFW	09/558,872 04/28/2000	
Agent: Agent Ref. No: TITLE: IMPLANTABLE DRUG INFUSION DEVICE HAVING A FLOW REGULATOR INVENTORS: Renaud, Philippe Haller, Markus Amacker, Christian										
P7322.04	US	C	01		F		LW091	TFW	09/712,237 11/15/2000	
Agent: Agent Ref. No: TITLE: IMPLANTABLE DRUG INFUSION DEVICE HAVING A FLOW REGULATOR INVENTORS: Renaud, Philippe Haller, Markus Amacker, Christian										
P7326.02	US	D	01	M	F		LW091	TFW	09/273,457 03/22/1999	
Agent: Agent Ref. No: TITLE: MEDICAL ELECTRICAL LEAD INVENTORS: Woloszko, Jean Camps, Antoine N J M (Toine) Van Der Kruk, Ron										
P7354.02	US	P	01	M	F		LW091	TFW	09/494,530 01/31/2000	
Agent: Agent Ref. No: TITLE: SAFETY VALVE ASSEMBLY FOR IMPLANTABLE BENEFICIAL AGENT INFUSION DEVICE INVENTORS: Haller, Markus Weijand, Koen J.										

06/24/2002

PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P7354.03	US	P	02		P		LW091	TFW	09/519,563 03/06/2000	
Agent: TITLE: DRIVE CIRCUIT HAVING IMPROVED ENERGY EFFICIENCY FOR IMPLANTABLE BENEFICIAL AGENT INFUSION OR DELIVERY DEVICE INVENTORS: Haller, Markus Weijand, Koen J.										
P7354.06	US	D	01		P		LW091	TFW	10/132,515 04/26/2002	
Agent: TITLE: SAFETY VALVE ASSEMBLY FOR IMPLANTABLE BENEFICIAL AGENT INFUSION DEVICE INVENTORS: Haller, Markus Weijand, Koen J.										
P7354.07	US	D	02		P		LW091	TFW	10/132,514 04/26/2002	
Agent: TITLE: SAFETY VALVES ASSEMBLY FOR IMPLANTABLE BENEFICIAL AGENT INFUSION DEVICE INVENTORS: Haller, Markus Weijand, Koen J.										
P7438.06	US	P	01		P		LW091	TFW	09/871,657 06/04/2001	
Agent: TITLE: DEVICES, SYSTEMS AND METHODS FOR TRANSLUMINALLY AND CONTROLLABLY FORMING INTRAMYOCARDIAL CHANNELS IN CARDIAC TISSUE INVENTORS: Dietz, Ulrich Eick, Olaf J. Duyssens, Victor Darius, Harold										
P7492.01	US	D	01		P		LW091	TFW	09/746,011 12/26/2000	
Agent: TITLE: LAMINA PROSTHESIS FOR DELIVERY OF MEDICAL TREATMENT INVENTORS: Gielen, Frans L H Knuth, Henricus M.										
P7492.02	US	D	02		P		LW091	TFW	09/746,021 12/26/2000	
Agent: TITLE: LAMINA PROSTHESIS FOR DELIVERY OF MEDICAL TREATMENT INVENTORS: Gielen, Frans L H Knuth, Henricus M.										
P7553.00	US				P		LW091	TFW	09/433,564 11/04/1999	
Agent: TITLE: BIOLOGICAL TISSUE ADHESIVES, ARTICLES, AND METHODS INVENTORS: Hendriks, Marc Verhoeven, Michel Cahalan, Patrick T. Larik, Vincent										
P7553.01	US	D	01		P		LW091	TFW	10/132,516 04/26/2002	
Agent: TITLE: BIOLOGICAL TISSUE ADHESIVES, ARTICLES, AND METHODS INVENTORS: Hendriks, Marc Verhoeven, Michel Cahalan, Patrick T. Larik, Vincent										

06/24/2002

PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P7563.00	US			F			LW091	TFW	09/340,440 06/28/1999	
Agent: Agent Ref. No: TITLE: IMPLANTABLE DEVICE INCLUDING A POLYAMINO ACID COMPONENT INVENTORS: Larik, Vincent Hendriks, Marc Cahalan, Patrick T. Verhoeven, Michel Cahalan, Linda L.										
P7640.08	US	D	06	F			LW091	TFW	09/946,495 09/06/2001	
Agent: Agent Ref. No: TITLE: FOUR-CHAMBER PACING SYSTEM FOR OPTIMIZING CARDIAC OUTPUT AND DETERMINING HEART CONDITION INVENTORS: Leinders, Robert Bakels, Arnoldus P. DeRoos, Cobus										
P7718.00	US			F			LW091	TFW	09/449,936 11/29/1999	
Agent: Agent Ref. No: TITLE: MEDICAL ELECTRICAL LEAD HAVING BENDING STIFFNESSES WHICH INCREASE IN THE DISTAL DIRECTION INVENTORS: Smits, Karel P.A.A.										
P7718.03	US	D	01	F			LW091	TFW	09/947,060 09/06/2001	
Agent: Agent Ref. No: TITLE: MEDICAL ELECTRICAL LEAD HAVING BENDING STIFFNESSES WHICH INCREASE IN THE DISTAL DIRECTION INVENTORS: Smits, Karel P.A.A.										
P7853.01	US	D	01	F			LW091	TFW	09/832,925 04/12/2001	
Agent: Agent Ref. No: TITLE: APPARATUS AND METHOD FOR MEASURING THE AMOUNT OF FLUID CONTAINED IN AN IMPLANTABLE MEDICAL DEVICE INVENTORS: Peer, Twan Bakels, Arnoldus P.										
P7856.02	US	D	01	F			LW091	TFW	09/799,709 03/07/2001	
Agent: Agent Ref. No: TITLE: SYSTEM AND METHOD FOR OPTIMIZED BRAIN STIMULATION INVENTORS: Gielen, Frans L H										
P7902.00	US			F			LW091	TFW	09/340,441 06/28/1999	
Agent: Agent Ref. No: TITLE: METHOD FOR COATING IMPLANTABLE DEVICES INVENTORS: Martinez, Gonzalo Taylor, John J Kearney, Kenneth W. Haller, Markus										
P7946.00	US			F			LW091	TFW	09/779,535 02/09/2001	
Agent: Agent Ref. No: TITLE: METHODS FOR MODIFYING SURFACES OF ARTICLES INVENTORS: Koulik, Edouard Cahalan, Patrick T. Iwata, Hiroo										
P8027.00	US			F			LW091	TFW	09/348,506 07/07/1999	
Agent: Agent Ref. No: TITLE: SYSTEM FOR REMOTE COMMUNICATION WITH A MEDICAL DEVICE INVENTORS: Perek-Petric, Bozidar										

06/24/2002

PATENT RECORD SEARCH

Docket No.	Clty	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P8032.00	US			F			LW091	TFW	09/842,404 04/26/2001	
Agent: TITLE: DIAGNOSTIC FEATURES IN BI-ATRIAL AND/OR BI-VENTRICULAR PACING SYSTEMS INVENTORS: Struble, Chester L.										
P8047.00	US			F			LW091	TFW	09/518,796 03/03/2000	
Agent: TITLE: SYSTEM AND METHOD FOR MONITORING AND CONTROLLING THE GLYCEMIC STATE OF A PATIENT INVENTORS: Houben, Richard P M Larik, Vincent										
P8131.00	US			F			LW091	TFW	09/558,867 04/28/2000	
Agent: TITLE: CORONARY SINUS FLOW REGULATED PACING INVENTORS: Ferek-Petric, Bozidar										
P8158.00	US			F			LW091	TFW	09/558,870 04/28/2000	
Agent: TITLE: ISCHEMIC HEART DISEASE DETECTION INVENTORS: Ferek-Petric, Bozidar										
P8158.02	US	D	01	F			LW091	TFW	10/085,072 03/01/2002	
Agent: TITLE: ISCHEMIC HEART DISEASE DETECTION INVENTORS: Ferek-Petric, Bozidar										
P8158.03	US	D	02	F			LW091	TFW	10/085,047 03/01/2002	
Agent: TITLE: ISCHEMIC HEART DISEASE DETECTION INVENTORS: Ferek-Petric, Bozidar										
P8191.00	US			F			LW091	TFW	09/843,914 04/30/2001	
Agent: TITLE: METHODS FOR ADJUSTING CARDIAC DETECTION CRITERIA AND IMPLANTABLE MEDICAL DEVICES USING SAME INVENTORS: Ferek-Petric, Bozidar										
P8240.00	US			F			LW091	TFW	09/779,536 02/09/2001	
Agent: TITLE: HEPARIN COMPOSITIONS AND METHODS OF MAKING AND USING THE SAME INVENTORS: Koulik, Edouard										
P8278.00	US			F			LW091	TFW	09/842,879 04/27/2001	
Agent: Muetting, Raasch, Gebhardt TITLE: CONTROL OF PACING RATE IN MODE SWITCHING IMPLANTABLE MEDICAL DEVICES INVENTORS: Struble, Chester L. Dunham, David										
P8279.00	US			F			LW091	TFW	09/842,884 04/27/2001	
Agent: TITLE: COMMITTED VENTRICULAR SAFETY PACING INVENTORS: Struble, Chester L.										
P8382.00	US			F			LW091	TFW	09/842,233 04/26/2001	
Agent: TITLE: HYSTERESIS ACTIVATION OF ACCELERATED PACING INVENTORS: Struble, Chester L. Grandjean, Pierre A.										

06/24/2002

PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P8418.00	US				F		LW091	TFW	09/353,619 07/15/1999	
Agent: _____ Agent Ref. No: _____ TITLE: SYSTEM FOR PROVIDING MEDICAL ELECTRICAL STIMULATION INVENTORS: Holsheimer, Jan										
P8553.00	US	P	01		F		LW091	TFW	09/519,562 03/06/2000	
Agent: _____ Agent Ref. No: _____ TITLE: MEDICAL ELECTRICAL LEAD WITH INTERCHANGEABLE FIXATION MEMBER INVENTORS: Camps, Antoine N J M (Toine) Duysens, Victor Kretzers, Leonardus J. C. Gerber, Martin T.										
P8553.01	US	D	01		F		LW091	TFW	10/132,513 04/26/2002	
Agent: _____ Agent Ref. No: _____ TITLE: METHOD OF IMPLANTING A MEDICAL ELECTRICAL LEAD INVENTORS: Camps, Antoine N J M (Toine) Duysens, Victor Kretzers, Leonardus J. C. Gerber, Martin T.										
P8564.00	US				F		LW091	TFW	10/131,417 04/25/2002	
Agent: _____ Agent Ref. No: _____ TITLE: VENTRICULAR SAFETY PACING IN BIVENTRICULAR PACING INVENTORS: Kramm, Berthold										
P8572.00	US				F		LW091	TFW	10/004,848 12/04/2001	
Agent: _____ Agent Ref. No: _____ TITLE: PATIENT ACTIVATED ADMINISTRATION OF DRUG BOLUS FROM IMPLANTABLE DRUG DELIVERY SYSTEM INVENTORS: Haller, Markus										
P8573.00	US				F		LW091	TFW	09/727,461 12/04/2000	
Agent: _____ Agent Ref. No: _____ TITLE: MEDICAL DEVICE AND METHODS OF USE INVENTORS: Hendriks, Marc										
P8580.03	US	D	01		F		LW091	TFW	09/947,433 09/07/2001	
Agent: _____ Agent Ref. No: _____ TITLE: TEMPORARY MEDICAL ELECTRICAL LEAD HAVING BIODEGRADABLE ELECTRODE MOUNTING PAD LOADED WITH THERAPEUTIC DRUG INVENTORS: Lindemans, Fredric W. Gebhardt, Ursula Hendriks, Marc										
P8623.00	US				F		LW091	TFW	09/842,232 04/26/2001	
Agent: _____ Agent Ref. No: _____ TITLE: PVC RESPONSE-TRIGGERED BLANKING IN A CARDIAC PACING SYSTEM INVENTORS: Struble, Chester L.										
P8722.00	US				F		LW091	TFW	09/779,537 02/09/2001	
Agent: _____ Agent Ref. No: _____ TITLE: ECHOGENIC DEVICES AND METHODS OF MAKING AND USING SUCH DEVICES INVENTORS: Koullik, Edouard										
P8799.00	US				F		LW091	TFW	10/127,033 04/22/2002	
Agent: _____ Agent Ref. No: _____ TITLE: INSULIN-MEDICATED GLUCOSE UPTAKE MONITOR INVENTORS: Houben, Richard P M										

06/24/2002

PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P8892.00	US				F		LW091	TFW	09/727,462 12/04/2000	
Agent: Agent Ref. No:										
TITLE: IMPLANTABLE MEDICAL DEVICE TELEMTRY CONTROL SYSTEMS AND METHODS OF USE										
INVENTORS: Ferek-Petric, Bozidar										
P8936.00	US				F		LW091	TFW	10/132,510 04/26/2002	
Agent: Agent Ref. No:										
TITLE: CAPTURE MANAGEMENT IN MULTI-SITE PACING										
INVENTORS: Ferek-Petric, Bozidar										
P8937.00	US				F		LW091	TFW	10/126,604 04/22/2002	
Agent: Agent Ref. No:										
TITLE: DETECTING COAGULUM FORMATION										
INVENTORS: Bick, Olaf J.										
P8943.00	US				F		LW091	TFW	09/742,118 12/22/2000	
Agent: Agent Ref. No:										
TITLE: IMPLANTABLE MEDICAL DEVICE PROGRAMMING WANDS HAVING INTEGRAL INPUT DEVICE										
INVENTORS: Ferek-Petric, Bozidar										
P8946.00	US				F		LW091	TFW	10/132,320 04/26/2002	
Agent: Agent Ref. No:										
TITLE: ULTRASONIC SEPTUM MONITORING FOR IMPLANTABLE MEDICAL DEVICES										
INVENTORS: Houben, Richard P M Donders, Adrianus P. (Jos)										
P8975.00	US				F		LW091	TFW	09/449,934 11/29/1999	
Agent: Agent Ref. No:										
TITLE: MEDICAL ELECTRICAL LEAD HAVING VARIABLE BENDING STIFFNESS										
INVENTORS: Smits, Karel F.A.A.										
P8975.03	US	D	01		F		LW091	TFW	09/947,065 09/06/2001	
Agent: Agent Ref. No:										
TITLE: MEDICAL ELECTRICAL LEAD HAVING VARIABLE BENDING STIFFNESS										
INVENTORS: Smits, Karel F.A.A.										
P9030.00	US				F		LW091	ERW	09/535,840 03/28/2000	
Agent: Agent Ref. No:										
TITLE: PANCREATIC SECRETION RESPONSE TO STIMULATION TEST PROTOCOL										
INVENTORS: Marchal, Benoit										
P9073.00	US				F		LW091	TFW	09/765,506 01/18/2001	
Agent: Agent Ref. No:										
TITLE: MINIATURIZED DRUG DELIVERY DEVICES SYSTEMS AND METHODS										
INVENTORS: Haller, Markus Clement, Claude										
P9085.00	US	P	01		F		LW091	TFW	09/765,484 01/18/2001	
Agent: Agent Ref. No:										
TITLE: SYSTEM AND METHOD OF COMMUNICATING BETWEEN AN IMPLANTABLE MEDICAL DEVICE AND A REMOTE COMPUTER SYSTEM OR HEALTH CARE PROVIDER										
INVENTORS: Haller, Markus Donders, Adrianus P. (Jos) Ferek-Petric, Bozidar										
P9206.00	US				F		LW091	TFW	10/126,516 04/22/2002	
Agent: Agent Ref. No:										
TITLE: CARDIAC RESYNCHRONIZATION WITH ADAPTIVE A1-A2 AND OR V1-V2 INTERVALS										
INVENTORS: Struble, Chester L. Grandjean, Pierre A.										

06/24/2002

PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P9258.00	US				F		LW091	TFW	10/132.509 04/26/2002	
Agent: _____ Agent Ref. No: _____ TITLE: ABLATION METHOD AND MEDICAL APPARATUS USING SAME INVENTORS: Ferek-Petric, Bozidar										
P9416.00	US	P	01		F		LW091	TFW	09/764,700 01/18/2001	
Agent: _____ Agent Ref. No: _____ TITLE: SYSTEM AND METHOD FOR EMERGENCY COMMUNICATION BETWEEN AN IMPLANTABLE MEDICAL DEVICE AND A REMOTE COMPUTER SYSTEM OF HEALTH CARE PROVIDER INVENTORS: Haller, Markus Ferek-Petric, Bozidar Donders, Adrianus P. (Jos)										
P9417.00	US	P	01		F		LW091	TFW	09/765,218 01/18/2001	
Agent: _____ Agent Ref. No: _____ TITLE: SYSTEM AND METHOD OF AUTOMATED INVOICING FOR COMMUNICATIONS BETWEEN AN IMPLANTABLE MEDICAL DEVICE AND A REMOTE COMPUTER SYSTEM FOR HEALTH PROVIDER INVENTORS: Haller, Markus Ferek-Petric, Bozidar Donders, Adrianus P. (Jos)										
P9418.00	US	P	01		F		LW091	TFW	09/764,681 01/18/2001	
Agent: _____ Agent Ref. No: _____ TITLE: SYSTEM AND METHOD FOR REMOTE PROGRAMMING OF AN IMPLANTABLE MEDICAL DEVICE INVENTORS: Haller, Markus Ferek-Petric, Bozidar Donders, Adrianus P. (Jos)										
P9436.00	US				F		LW091	TFW	09/842,147 04/26/2001	
Agent: _____ Agent Ref. No: _____ TITLE: PRESSURE-MODULATED RATE-RESPONSIVE CARDIAC PACING INVENTORS: Struble, Chester L.										
P9437.00	US				F		LW091	TFW	10/126,538 04/22/2002	
Agent: _____ Agent Ref. No: _____ TITLE: IMPLANTABLE DRUG DELIVERY SYSTEM RESPONSIVE TO INTRA-CARDIAC PRESSURE INVENTORS: Struble, Chester L.										
P9440.00	US				F		LW091	TFW	09/842,148 04/26/2001	
Agent: _____ Agent Ref. No: _____ TITLE: DRUG DELIVERY FOR TREATMENT OF CARDIAC ARRHYTHMIA INVENTORS: Struble, Chester L.										
P9463.00	US				F		LW091	TFW	10/126,858 04/22/2002	
Agent: _____ Agent Ref. No: _____ TITLE: PRESSURE-MODULATED ENERGY LEVEL FOR PACING PULSES INVENTORS: Struble, Chester L.										
P9464.00	US				F		LW091	TFW	10/126,539 04/22/2002	
Agent: _____ Agent Ref. No: _____ TITLE: CARDIAC RESTRAINT WITH ELECTRODE ATTACHMENT SITES INVENTORS: Struble, Chester L. Grandjean, Pierre A. zeijlemaker, Volkert A Smits, Karel F.A.A.										

06/24/2002

PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P9473.00	US			F			LW091	TFW	09/879,282 06/12/2001	
Agent: Agent Ref. No: TITLE: DEEP TRENCH SEMICONDUCTOR CAPACITORS HAVING REVERSE BIAS DIODES FOR IMPLANTABLE MEDICAL DEVICES INVENTORS: Houben, Richard P M Weijand, Koen J.										
P9475.00	US			F			LW091	TFW	10/001,148 11/15/2001	
Agent: Agent Ref. No: TITLE: MYOCARDIAL PERFORMANCE ASSESSMENT INVENTORS: Corbucci, Giorgio										
P9491.00	US			F			LW091	TFW	09/842,813 04/27/2001	
Agent: Agent Ref. No: TITLE: CLOSED LOOP NEUROMODULATION FOR SUPPRESSION OF EPILEPTIC ACTIVITY INVENTORS: Wadman, Wytse Gielen, Frans L H										
P9511.00	US			F			LW091	TFW	10/126,537 04/22/2002	
Agent: Agent Ref. No: TITLE: BURR HOLE ASSEMBLY FOR STEREOTACTIC FIXATION OF A BRAIN PROBE INVENTORS: Gielen, Frans L H Cornu, Philippe										
P9557.00	US			F			LW091	TFW	09/909,999 07/23/2001	
Agent: Agent Ref. No: TITLE: CELL-BASED BIOSENSORS SUITABLE FOR IMPLANTABLE MEDICAL DEVICE APPLICATIONS INVENTORS: Houben, Richard P M Larik, Vincent										
P9648.00	US			F			LW091	TFW	10/126,522 04/22/2002	
Agent: Agent Ref. No: TITLE: ANTI-TACHYCARDIA PACING BASED ON MULTI-SITE ELECTROGRAMS INVENTORS: Struble, Chester L.										
P9711.00	US		L	F			LW091	TFW	60/371,543 04/11/2002	
Agent: Agent Ref. No: TITLE: METHOD AND APPARATUS FOR AUTOMATIC SHUTDOWN OF HIGH FREQUENCY DELIVERY UPON CATHETER DISLOCATION INVENTORS: Eick, Olaf J. Feron, John C.M.J.										
P9774.00	US		L	F			LW091	TFW	60/333,762 11/29/2001	
Agent: Agent Ref. No: TITLE: TRANS-SEPTAL MEDICAL ELECTRICAL LEADS AND METHODS OF STIMULATING A HEART INVENTORS: Struble, Chester L. Prinzen, Frits W. Smits, Karel F.A.A. Muhlenberg, Lambert Grandjean, Pierre A. Michels, Koen Lokhoff, Nicolaas M.										
P9781.00	US			F			LW091	TFW	10/008,773 12/05/2001	
Agent: Agent Ref. No: TITLE: DIRECTIONAL BRAIN STIMULATION AND RECORDING LEADS INVENTORS: Van Venkooij, Paulus Gielen, Frans L H Mullett, Keith R. Duysens, Victor Gruia, Dan										

06/24/2002

PATENT RECORD SEARCH

Docket No.	Ctry	Rel.	Rel. #	Type	Status	Group	Div.	Attorney	App No	Pat No.
P9897.00	US			F			LW091	TFW	10/131,256 04/25/2002	

Agent: Agent Ref. No:
TITLE: ULTRASOUND METHODS AND IMPLANTABLE MEDICAL DEVICES USING SAME
INVENTORS: Ferek-Petric, Bozidar
Breyer, Branko

P9929.00	US			F			LW091	TFW	10/127,041 04/22/2002	
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Agent: Agent Ref. No:
TITLE: ANTI-SLIP LEADS FOR PLACEMENT WITHIN TISSUE
INVENTORS: Struble, Chester L.
Grandjean, Pierre A.
Smits, Karel F.A.A.

98 TOTAL RECORDS REPORTED